

VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)(Deemed to be University w/s 3 of the UGC Act - 1956)**PALLAVARAM - CHENNAI - INDIA****VELS
UNIVERSITY****VELS UNIVERSITY : SCHOOL OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING****MINUTES OF THE MEETING OF THE BOARD OF STUDIES**Date : 12th Dec 2014

Time : 2.30 P.M

Venue : Conference Hall,
School of Engineering

The meeting of the Board of Studies of the Department of Computer Science and Engineering, School of Engineering, Vels University was held at 2.30 P.M on 12.12.2014(Friday) in the conference hall of the School of Engineering to consider the curriculum and syllabus for B.E Computer Science and Engineering, M.E. Computer Science and Engineering, B.Tech-IT (Information Security And Cloud Technology) and M.Tech-IT (Mobile Application Development), proposed to be introduced by the department.

The following persons were invited to attend the meeting :

Sl.No	Name & Address	Designation
1	Dr.N. Bhalaji Associate Professor/CSE, SSN College of Engineering, Chennai. Email ID : drnbhalaji@gmail.com	External Expert
2	Mr.Roy Antony Arnold G Lead – Education & Research, Infosys Limited, Chennai. Email ID : RoyAntony_G@infosys.com	External Expert
3	Mr. K. Gautam Software Engineer,OrangeScape Technologies, Chennai. Email ID : gautam.kumar@orangescape.com	Alumni
4	Dr. S. Neduncheliyan Director/CSE, VELS UNIVERSITY, Pallavaram,Chennai-600 117 Mobile No:9962506217 Email ID : director.secs@velsuniv.org	Convenor
5	Dr.S. Arun Associate Professor /CSE, VELS UNIVERSITY, Pallavaram,Chennai-600 117 Mobile No:9962506209 Email ID: aruns@velsuniv.org	Member
6	Mrs. K. Kalaivani Head of Department / CSE , Vels University, Pallavaram, Chennai -600 117 Mobile No:9962506224 Email ID: sehodcs@velsuniv.org	Member

7	Mr. C. Swaraj Paul Assistant Professor / CSE, Vels University, Pallavaram, Chennai -600 117 Mobile No:9884830831 Email ID: swarajpaul@velsuniv.org	Member
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All the above listed members attended the meeting and deliberated on the curriculum and syllabus in detail. The following are the recommendations of the Committee on the subject matter.

M.TECH-IT (MOBILE APPLICATION DEVELOPMENT)

- Project work-Phase II hours was changed to 36 .
- Mobile Application Lab was removed from semester 1.
- Android Lab was removed from semester 2.
- Generic Elective was added in semester 3.
- Total number of credits was changed to 80.
- Inplant training was added in semester 2.
- The following subjects have to be moved to Discipline Specific Elective Courses:
 - Objective C
 - Advanced Android Programming
 - Advanced iPhone Programming
 - Mobile Ecosystem and Business Model.
- The following subjects have to be moved to Generic Elective Courses:
 - Speech Processing
 - Bio Informatics
 - ASIC Design
 - Embedded Systems
 - Mobile and Pervasive Computing
 - Medical Image Processing

B.TECH-IT (INFORMATION SECURITY AND CLOUD TECHNOLOGY)

- Instead of Security threats and trends in semester 3, the team has insisted to include Fourier series and transforms compulsorily.
- Database Security Fundamentals in semester 4 has to be replaced by Probability and Queuing Theory.
- Language Lab was introduced in semester 2.

- Security threats and trends was added as Elective subject in semester 8.
- Mini Project was added in semester 5.
- Total number of credits was changed to 195.
- Seminar was added in semester 6.
- The following subjects have to be moved to Discipline Specific Elective Courses:
 - Fundamentals of Data Centre
 - Mail Servers
 - Android Security
 - OWASP Framework
 - Advanced Web Technology
 - ISO27001, PCI DSS and HIPAA
- The following subjects have to be moved to Generic Elective Courses:
 - Management Theory and Practice
 - Transformational Skills
 - E-Commerce
 - Effective Speaking and Analytical Skills
 - Life and Career Skills
- The following subjects have to be moved to Skill Enhancement Elective Courses:
 - Personality Development-I
 - Personality Development-II
 - Personality Development-III
 - Personality Development-IV

B.E. - COMPUTER SCIENCE AND ENGINEERING

- Four Personality Development courses along with six NSS courses were grouped under Skill Enhancement Course (SEC).
- Management courses (Principles of Management, Professional Ethics, etc) along with Other department papers are grouped under Generic Elective (GE).
- Professional elective papers related to this department are categorized under Discipline Specific Elective (DSE) courses.
- Technical English, Language courses were categorized under Ability Enhancement Compulsory Course (AECC).

- All the other important discipline oriented papers comes under Core courses category.
- The course, "Engineering Chemistry" was taken off from the Semester 1 and it was accepted by BOS after justification was given by Dean, School of Engineering.
- The course, "Basic Civil and Mechanical Engineering" of Semester 1 should be replaced by Engineering Graphics.
- The course, "Computer Practice Lab", can be brought to Semester 1 instead of Semester 2 to conduct both theory and practical parallely.
- Language lab was introduced in Semester 2.
- OOPS(Object Oriented Programming Structure) and OOPS lab of Semester 4 was brought into Semester 2.
- Since some topics of web technology. (Semester 7) and internet programming (Semester 6) are common, the team had decided to combine these two courses as Internet Programming for Semester 6.
- Some of the electives courses like Fundamentals of Nanoscience, Embedded Systems, High Speed Network, Robotics, Digital signal processing, Speech Technology were added.
- Digital Image Processing course was moved to Generic elective .
- Artificial Intelligence, Programming paradigm, Theory of computing, Cryptography and Network Security, Microprocessor and Microcontroller, Data Warehousing and Data Mining and System Software were moved to Discipline Specific elective.
- Total credits was changed to 195.

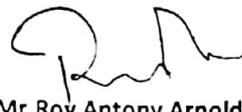
M.E. - COMPUTER SCIENCE AND ENGINEERING

- Other department papers are grouped under Generic Elective (GE).
- Professional elective papers related to this department are categorized under Discipline Specific Elective (DSE) courses.

- M.E. courses like Speech Processing, Bio informatics, ASIC Design, Embedded Systems, Mobile and Pervasive Computing and Medical Image Processing were moved to Generic Electives.
- Visualization Techniques, Infometrics, User Interface Design, Network Engineering and Management, Language Technologies and some other courses were added to Discipline Specific Electives.
- Total credits was changed to 80.



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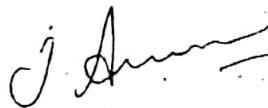
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